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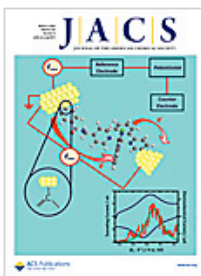
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Editor: [Peter J. Stang](#)E-mail: [JACS@jacs.acs.org](mailto:JACS@jacs.acs.org)

Print Edition ISSN: 0002-7863

Web Edition ISSN: 1520-5126

2008 Impact Factor: 8.091

2008 Total Citations: 318,252

Indexed/Abstracted in: CAS, SCOPUS, EBSCOhost, Thomson-Gale, Proquest, British Library, PubMed, Ovid, Web of Science, and SwetsWise.

## Journal Scope

The *Journal of the American Chemical Society*, founded in 1879, is the flagship journal of the American Chemical Society and the preeminent journal in the field. This periodical is devoted to the publication of fundamental research papers in all areas of chemistry and publishes approximately 16,000 pages of Articles, Communications, Book Reviews, and Computer Software Reviews a year. Published weekly, *JACS* provides research essential to the field of chemistry.

The most cited journal in chemistry, the *Journal of the American Chemical Society (JACS)* received 318,252 total citations and an increase in ISI Impact Factor of 8.091, while publishing more articles (3242) than any other journal in the category as reported in the 2008 Journal Citation Reports® by Thomson Reuters.

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The submission of multiple Communications on the same or closely related topics within a short period of time is not an acceptable means of publishing a body of work that is too large for a single Communication. Such work should be described in the format of an Article.

The major concepts must not have appeared previously as a report or publication (e.g., published lecture or news release, electronic journal paper or preprint, symposium proceedings, or an extended abstract such as Polymer Preprints). If a previous Communication by the same author(s) has already appeared and the present manuscript describes a technical improvement or increase in the scope of the work, it will not be accepted in the absence of a novel conceptual advance.

# JACS Articles

Articles most appropriate for publication in JACS are those that deal with some phase of “pure” chemistry as distinguished from “applied” chemistry. Because of restrictions on the number of published pages in the Journal, not all manuscripts that describe well-executed work can be accepted. Articles of high **scientific quality, originality, significance, and conceptual novelty** that are of interest to the wide and diverse contemporary readership of JACS will be given priority for publication. Articles on methodology should include one or more applications of widespread interest and, unless significant new advances are announced, will be declined with the recommendation for submission to specialized journals. Papers that draw conclusions from the treatment of existing data must also include significant new data and make new experimental or theoretical predictions of broad interest. Articles which mainly expand findings that were previously published as Communications in JACS or elsewhere and which only incorporate experimental data, without greatly expanded scope and without providing new insights or conceptual breakthroughs, will be declined. Articles that are mainly routine extensions of previously published related work will also be declined with the recommendation for submission to more specialized journals.

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A template is also now available for **Articles**. Authors are encouraged to use the Article template for preparation of Articles, but it is not required. A [graphic for use in the Table of Contents](#) [PDF] is now required for all Article submissions; authors should place it at the end of their word-processing file. All accepted manuscripts are typeset from electronic files. The template facilitates the peer review process by allowing authors to place artwork and tables close to the point where they are discussed within the text. Authors of Articles who choose not to employ a template are asked to place their graphics (with captions or titles) within the text as this will produce documents that are easier to review.

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Communications that are "very important" in the opinion of at least two referees are denoted as being a VIP (very important paper) upon publication. If a third referee's report is however received that does not judge the work to be "very important" or "highly important", the communication does not receive this VIP status. Please be considerate to our many readers for whom English is a foreign language—use a simple, clear style and avoid jargon.

# Angewandte Communication 2/2

Length: The maximal length of a Communication, inclusive of all literature citations, footnotes, and tables, is **10000 characters**; formulas and figures may be added. Longer Communications will be accepted only if their quality warrants special consideration and a written justification of their length is provided. Details that are of importance to the referees and to specialists, but not to most of the readers, should be submitted as **Supporting Information, which will be made accessible on the Web**. Copies of cited publications not yet available publicly should be submitted along with the manuscript. Unpublished results and lectures should only be cited for exceptional reasons.

The identity and purity of all new compounds must be fully characterized by appropriate analytical methods (NMR spectroscopy, X-ray crystal structure analysis, elemental analysis, etc.). These data should be given in the **Supporting Information** in the event that they exceed the scope of the Experimental Section.

# Angewandte Review Articles

Review articles should be **written by leading experts** and deal with topics of high current interest in any area of chemistry. Rather than an assembly of detailed information with a complete literature survey, a critically selected treatment of the material is desired; unsolved problems and possible developments should also be discussed.

Reviews should be divided into numbered sections, as in this "Notice to Authors". Cross-references in the text should also use these section numbers. The Review starts with a **lead-in** (1000 characters, no references). This text should not be a mere summary but rather should—together with a round picture 18.5 cm in diameter (frontispiece)—arouse the readers' interest. The first section of the Review itself, the Introduction, should primarily introduce the nonspecialist to the subject in as clear a way as possible. A Review should conclude with a section entitled Summary and Outlook, in which the achievements of and new challenges for the subject are presented succinctly. In addition, biographical sketches (maximum length 560 characters) and portrait-quality black-and-white photographs of the correspondence authors should be submitted.

Length: A review should not be of more than **65000 characters**, *including footnotes, literature citations, tables, and legends. If a longer article is planned, the agreement of the editor should be sought as early as possible.*

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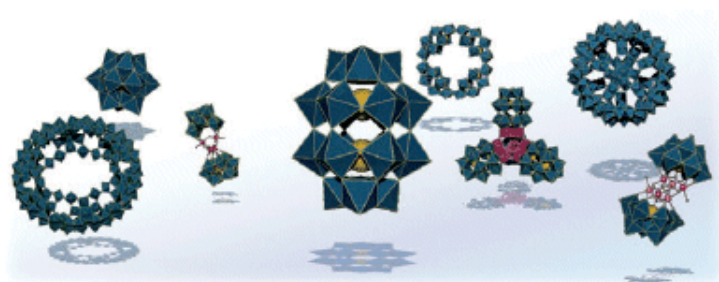
## (P)Review

Reviews in *Angewandte Chemie*, written by leading experts, summarize the important results of recent research on topical subjects in all branches of chemistry, point to unresolved problems, and discuss possible developments. Although review articles are generally written upon invitation of the editor, unsolicited manuscripts are also welcome provided they are in keeping with the character of the journal.

Index of Reviews: [1962–1969](#) [1970–1979](#) [1980–1989](#) [1990–1999](#) [2000–2009](#) [2010–now](#) [Nobel lectures](#)

## Polyoxometalates

### Polyoxometalates: Building Blocks for Functional Nanoscale Systems



De-Liang Long, Ryo Tsunashima, Leroy Cronin\*

The broad field between discrete metal oxo complexes and solid-state oxides is ruled by the polyoxometalates and the structures formed from them by aggregation. This Review shows which suitable building blocks are available and how they can be combined to give nano- to micrometer-scale architectures.

To appear in issue 10/2010.

Available through **EARLYVIEW™** Published online on February 3, 2010,  
DOI: [10.1002/anie.200902483](https://doi.org/10.1002/anie.200902483)

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Editor-in-Chief: [Joan S. Valentine](#)  
 University of California, Los Angeles  
 E-mail: [acr@chem.ucla.edu](mailto:acr@chem.ucla.edu)  
 Print Edition ISSN: 0001-4842  
 Web Edition ISSN: 1520-4898

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 2008 Total Citations: 26,252

Indexed/Abstracted in: CAS, British Library, CABI, EBSCOhost, Proquest, PubMed, SCOPUS, SwetsWise, Web of Science.

## Journal Scope

Having completed its 40th volume of published research in 2007, *Accounts of Chemical Research* presents short, concise and critical articles offering easy-to-read overviews of basic research and applications in all areas of chemistry and biochemistry. In addition, since 1998 *Accounts of Chemical Research* has also published Special Issues devoted to a single issue of unusual activity and significance. Visit the [Accounts Special Issues](#) page for listings, descriptions, and TOC's of all special issues.

Beginning in 2008, *Accounts of Chemical Research* has replaced their traditional article abstract with an article "Conspectus." These new entries synopsise the research affording the reader a closer look at the content and significance of an article. Through this provision of a more detailed description of the article contents, the *Conspectus* enhances the article's discoverability by search engines and the exposure for the research.

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 Editor-in-Chief: [Josef Michl](#)

Department of Chemistry and Biochemistry, University of Colorado

 Email: [chemrev@chemrev.acs.org](mailto:chemrev@chemrev.acs.org)

Print Edition ISSN: 0009-2665

Web Edition ISSN: 1520-6890

2008 Impact Factor: 23.592

2008 Total Citations: 69,560

Indexed/Abstracted in: CAS, British Library, CABI, EBSCOhost, Proquest, PubMed, SCOPUS, SwetsWise, Web of Science.

## Journal Scope

*Chemical Reviews* is one of the most highly regarded and highest-ranked journals covering the general topic of chemistry.

The mission of *Chemical Reviews* is to provide comprehensive, authoritative, critical, and readable reviews of important recent research in organic, inorganic, physical, analytical, theoretical, and biological chemistry.

In addition to the general reviews, the journal has published since 1985 periodic [thematic issues](#) focusing on a single theme or direction of emerging research.

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# *Angewandte* Essays

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# *Angewandte* Highlights

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